

APPENDIX N EXAMPLE SELECTION SCORING SYSTEM

PRIMARY CRITERIA

a. **Specialized experience and technical competence.** Maximum of 180 points based on the following subcriteria:

(1) Design of heavy equipment maintenance facilities. 0-5 points for each project in Block 8, up to maximum of 10 projects or maximum of 50 points. Points assigned based on the following attributes:

Similarity:

- 2: Very similar features and functions
- 1: Many similar features and functions
- 0: Few similar features and functions

Size:

- 1: Comparable size or larger
- 0: Considerably smaller

Recentness:

- 1: Design completed within last 5 years
- 0: Design completed more than 5 years ago

Team:

- 1: Most of the same personnel and consultants
- 0: Few of the same personnel and consultants

(2) Fire protection design for heavy equipment shops. 0-3 points for each project in Block 8, up to maximum of 10 projects or maximum of 30 points. Points assigned based on the following attributes:

Similarity:

- 2: Very similar fire protection features
- 1: Many similar fire protection features
- 0: Few similar fire protection features

Team:

- 1: Same lead fire protection engineer
- 0: Different lead fire protection engineer

(3) Producing quality designs based on evaluation of a firm's design quality management plan (DQMP) in Block 10. Maximum of 25 points based upon the following attributes:

Management approach: Maximum of 8 points, evaluated as follows:

- 0-3: Clear lines of authority and communications
- 0-3: Responsibilities of all key personnel clear
- 0-2: Appropriate level of management oversight

Coordination of disciplines and subcontractors: Maximum of 7 points, evaluated as follows:

- 0-3: Effective means of coordination among prime firms' personnel
- 0-2: Effective means of coordination between prime firm and primary subcontractors
- 0-2: Effective means of coordination among primary subcontractors

Quality control procedures: Maximum of 5 points, evaluated as follows:

- 0-3: Comprehensive, effective and modern QC procedures for prime firm
- 0-2: Comprehensive, effective and modern QC procedures for primary subcontractors

Prior experience of the prime firm and any significant subcontractors on similar projects: Maximum of 5 points, evaluated as follows:

- 5: Prime firm has extensive experience (more than 5 projects) with all primary subcontractors
- 4: Prime firm has considerable experience (3-5 projects) with all primary subcontractors
- 3: Prime firm has extensive experience with the majority of the primary subcontractors
- 2: Prime firm has considerable experience with the majority of the primary subcontractors
- 1: Prime firm has limited experience (1-2 projects) with the majority of the primary subcontractors
- 0: Prime firm has no experience with the majority of the primary subcontractors

(4) Energy conservation and use of recovered materials. Maximum of 20 points, evaluated as follows:

1 point for each project of comparable size in Block 8 or 10 having significant energy conservation features, up to a maximum of 10 projects or 10 points total

1 point for each project of comparable size in Block 8 or 10 which incorporates a significant amount of recovered materials, up to a maximum of 10 projects or 10 points total

(5) Producing CADD drawings in a format fully compatible with Microstation 95. Maximum of 15 points, evaluated as follows based on description of CADD capability in Block 10:

- 0-2: Modern, appropriate and sufficient equipment
- 0-2: Training and qualifications of CADD personnel
- 0-3: Comprehensive and effective QC procedures for CADD operations
- 0-3: Overall experience in CADD
- 0-5: Experience in delivering CADD drawings in format compatible with Microstation 95

(6) Surveying, testing, and quantifying friable asbestos in buildings, and preparation of plans and specifications for removal and disposal of asbestos. 1 point for each similar asbestos abatement project in Block 8 or Block 10, up to a total of 10 projects or 10 points maximum.

(7) Construction cost estimating and preparation of estimates using MCACES or similar automated software. 1 point for each project of comparable size in Block 8 or 10 for which an accurate estimate was prepared using automated cost estimating software, up to a total of 10 projects or 10 points maximum.

b. Qualified professional personnel. The lead architect or engineer in each discipline must be registered to practice in the appropriate professional field. Evaluate the lead architect or engineer in each discipline based on the following attributes (maximum of 15 unweighted points) and then multiply by the appropriate weighting factor (1.0 - 2.0) for each discipline shown below. Maximum of 156 points overall.

Attributes: Assign points based on the following qualifications:

Education:

- 2: Master's degree or higher in relevant field
- 1: Bachelor's degree in relevant field
- 0: No degree in relevant field

Certifications:

- 1: Possesses any relevant private certifications
- 0: No relevant private certifications

Training:

- 1: Taken recent relevant training course(s)
- 0: No recent relevant training courses

Overall experience:

- 5: Over 25 years professional engineering/architecture experience
- 4: 20-25 years professional engineering/architecture experience

- 3: 15-19 years professional engineering/architecture experience
- 2: 10-14 years professional engineering/architecture experience
- 1: 5-9 years professional engineering/architecture experience
- 0: Less than 5 year professional engineering/architecture experience

Relevant experience:

- 3: Over 10 similar projects
- 2: 5-10 similar projects
- 1: 1-4 similar projects
- 0: No similar projects

Longevity with present firm:

- 3: Over 10 years with present firm
- 2: 5-10 years with present firm
- 1: 1-4 years with present firm
- 0: Less than 1 year with present firm

Weighting factors:

- Project management (architect or engineer) = 2.0 (maximum of 30 points)
- Architecture = 1.8 (maximum of 27 points)
- Fire protection engineering = 1.6 (maximum of 24 points)
- Mechanical engineering = 1.4 (maximum of 21 points)
- Electrical engineering = 1.4 (maximum of 21 points)
- Structural engineering = 1.2 (maximum of 18 points)
- Civil engineering = 1.0 (maximum of 15 points)

c. Past performance on DoD and other contracts. Consider all evaluations in ACASS for the prime firm. Evaluate the relevancy of each contract based on the following attributes (maximum of 10 unweighted points per contract) and multiply by the appropriate weighting factor, depending on the evaluation rating of the contract. Maximum of 120 points (positive or negative) overall. If a firm has no evaluations in ACASS, its score is zero.

Attributes: Assign points as follows:

Type of work:

- 4: Essentially the same type of work
- 3: Very similar type of work
- 2: Somewhat similar type of work
- 1: Unrelated type of work

Size of contract:

- 3: Approximately the same size or larger
- 2: Considerably smaller
- 1: Substantially smaller

Recentness:

- 3: Less than 2 years old
- 2: 2-4 years old
- 1: Over 4 years old

Weighting factors: (Equivalent rating levels on 11-92 edition of DD Form 2631 are shown in parentheses.)

- Exceptional (excellent): +2.0
- Very good (above average): +1.5
- Satisfactory (average): +1.0
- Marginal (below average): -1.0
- Unsatisfactory (poor): -2.0

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d. Capacity. Maximum of 85 points, evaluated as follows:

(1) Experience of the firm and any consultants in similar size projects. 1-5 points for each project in Block 8, up to a maximum of 10 projects or 50 points maximum total.

- 5: Comparable size or larger
- 3: Somewhat smaller
- 1: Substantially smaller

(2) Adequate number of personnel in key disciplines. Evaluate the seven required disciplines (see criterion b) as described below, for a maximum of 35 points maximum total.

- 5: More than 10 persons in this discipline
- 4: 8-10 persons in this discipline
- 3: 5-7 persons in this discipline
- 2: 3-4 persons in this discipline
- 1: 2 persons in this discipline
- 0: Only 1 person in this discipline

e. Knowledge of design of building envelopes and systems in hot, arid climate similar to Ft. Bliss. 0-5 points for each project in Block 8 or 10, up to a total of 10 projects, or 50 points maximum.

- 5: Similar size and type of building in very similar climate
- 3: Any project in very similar climate
- 1: Any project in somewhat similar climate

SECONDARY CRITERIA

f. Extent of participation of SB (including WOSB), SDB, historically black colleges and universities, and minority institutions. Measured as a percentage of the total estimated effort in the proposed contract team. 1 point for each percentage point, up to a maximum of 40 points.

g. Volume of DoD contract awards in the last 12 months. Maximum of -30 points, assigned as follows:

- 30: DoD awards over 30% of revenues for last 12 months
- 20: DoD awards 10-30% of revenues for last 12 months
- 10: DoD awards less than 10% of revenues for last 12 months
- 0: No DoD awards in last 12 months

h. Proximity to Ft. Bliss, TX. Maximum of 20 points, evaluated as follows:

- 20: Prime and all consultants located within 100 miles of Ft. Bliss
- 15: Prime and most consultants located within 100 miles of Ft. Bliss
- 10: Prime and all consultants located within 300 miles of Ft. Bliss
- 5: Prime and most consultants located within 300 miles of Ft. Bliss
- 0: Prime and/or most consultants located over 300 miles from Ft. Bliss